

Figure 2 A flow chart of the business process

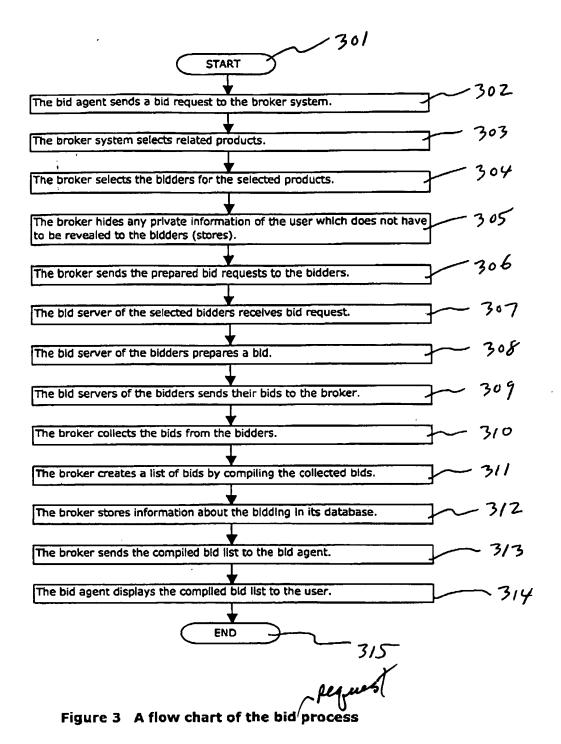
**Bid history** 

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Figure 1 A block diagram of one preferred system architecture



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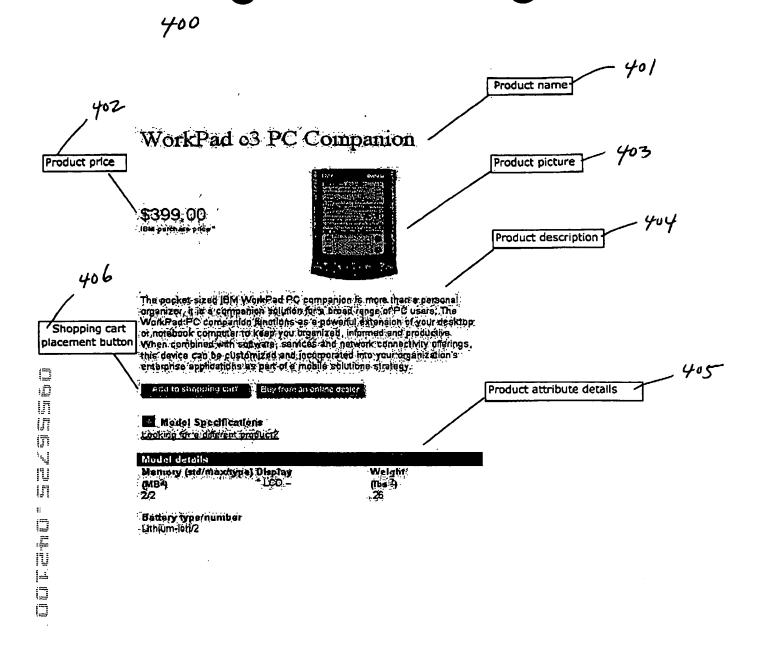


Figure 4 A screen image of a product page

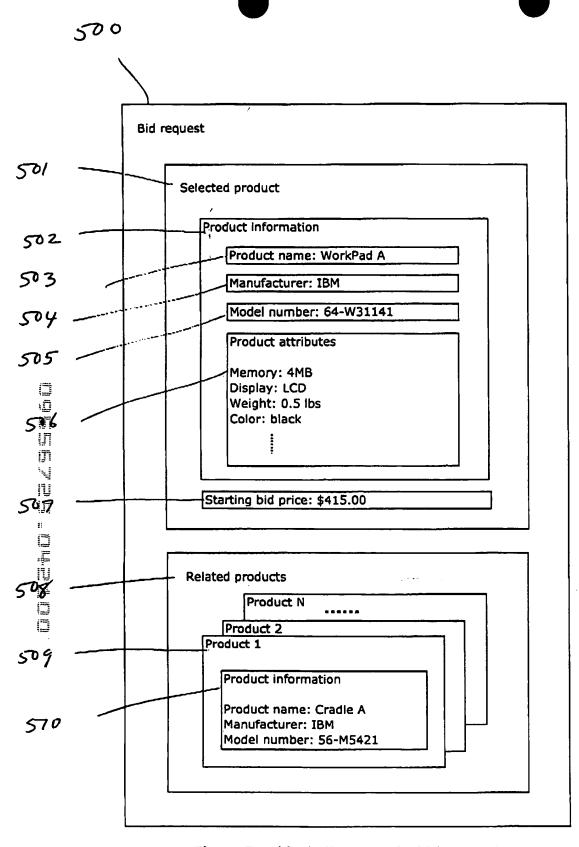


Figure 5 A block diagram of a bid request

600

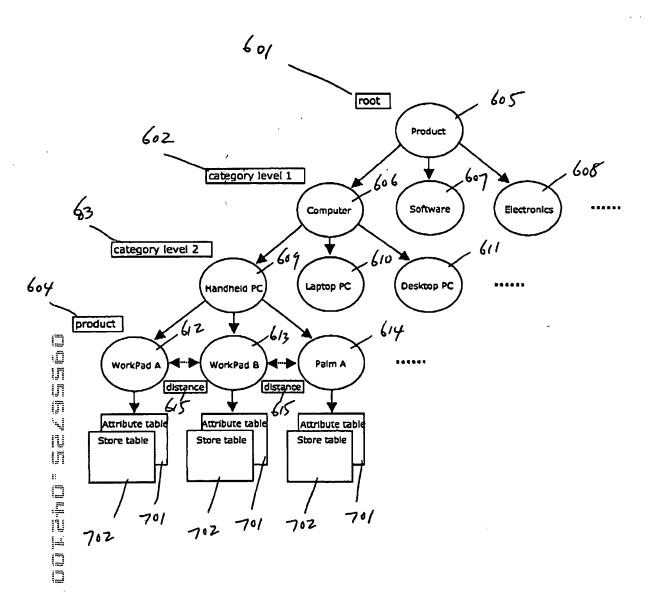


Figure 6 A sample product ontology

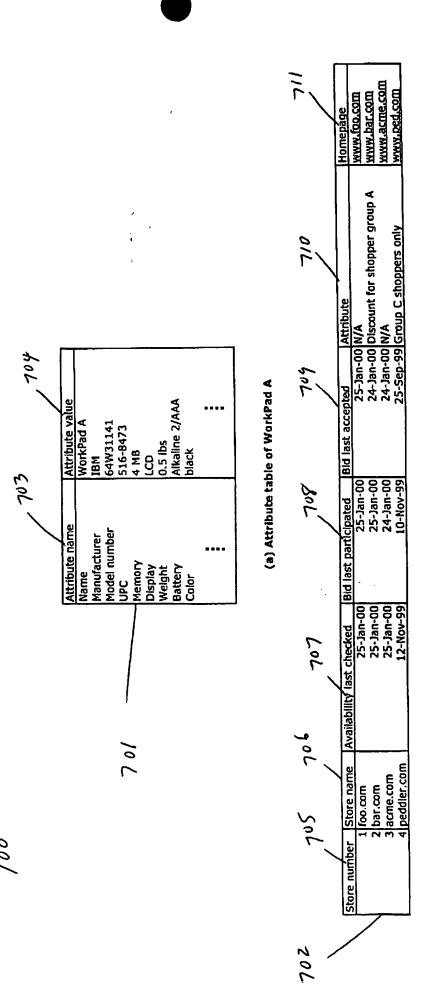


Figure 7 Attribute table and store table of a product

(b) Store (Bidder) table of WorkPad A

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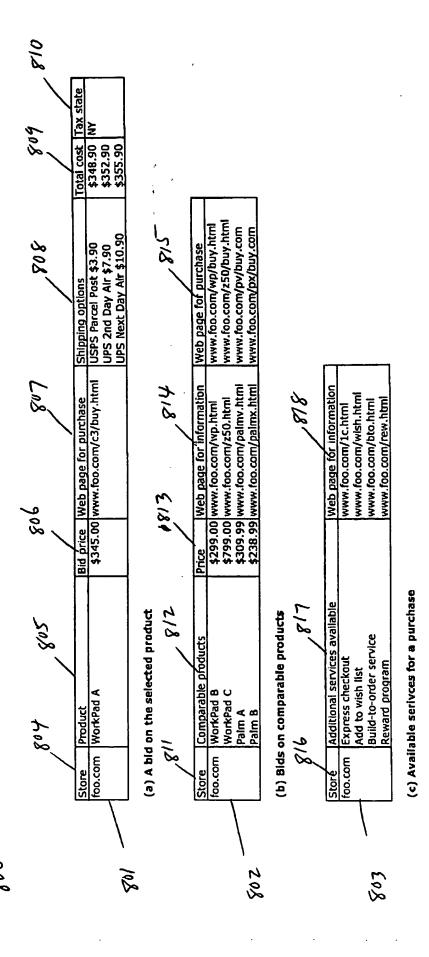


Figure 8 A sample bid and associated conditions

		•		,							
406	Additional services	One-cilck checkout Add to wish list Build-to-order service Reward program	N/A	Express checkout Reward program Discount for educational shoppers	416	Purchse link	www.foo.com/wp/buy.html	www.foo.com/wp/buy.html www.acme.com/z50/buy.html	www.foo.com/wp/buy.html www.bar.com/pv/buy.html www.acme.com/pv/buy.html	www.foo.com/wp/buy.html www.bar.com/pilix/buy.html www.acme.com/pilix/buy.html	www.foo.com/wp/buy.html www.bar.com/casio/buy.html
806 DELEMENTED 406 DELEMENT	Bushaco link	www.foo.com/c3/buy.html	www.bar.com/c3/buy.html	www.acme.com/c3/buy.html	613	Product information link	www.foo.com/wp.html www.acme.com/wp.html	www.foo.com/z50.html www.acme.com/z50.html	www.foo.com/pv.html www.bar.com/pv.html www.acme.com/pv.html	www.foo.com/px.html www.bar.com/pilix.html www.acme.com/piiix.html	www.foo.com/ca.html www.bar.com/casio.html
		\$348.90 NY \$352.90 \$355.90	\$339.99 CT	\$378.95 NJ \$382.95 \$385.95	216	Price	\$299.00 \$315.00	\$799.00 \$795.00	\$309.99 \$299.00 \$319.00	\$238.99 \$219.00 \$249.99	\$199.99 \$190.00
404		\$345.00 USPS Parcel Post \$3.90 UPS 2nd Day Air \$7.90 UPS Next Day Air \$10.90	\$339.99 Free shipping & handling	\$375.00 USPS Parcel Post \$3.95 FedEx Two Day \$7.95 FedEx Overnight \$10.95	t for the selected product $\int q tl$	Store	foo.com acme.com	foo.com acme.com	foo.com bar.com acme.com	foo.com bar.com acme.com	foo.com bar.com
903		\$345.00	\$339.99	\$375.00	(a) A compiled bid list for the $/910$						
6		Store foo.com	bar.com	асте.сот	(a) A comp	Product	WorkPad B	WorkPad C	Palm A	Palm 8	Casio Pela A
200	·		106						; /	7%	

(b) A compiled bid list for comparable products

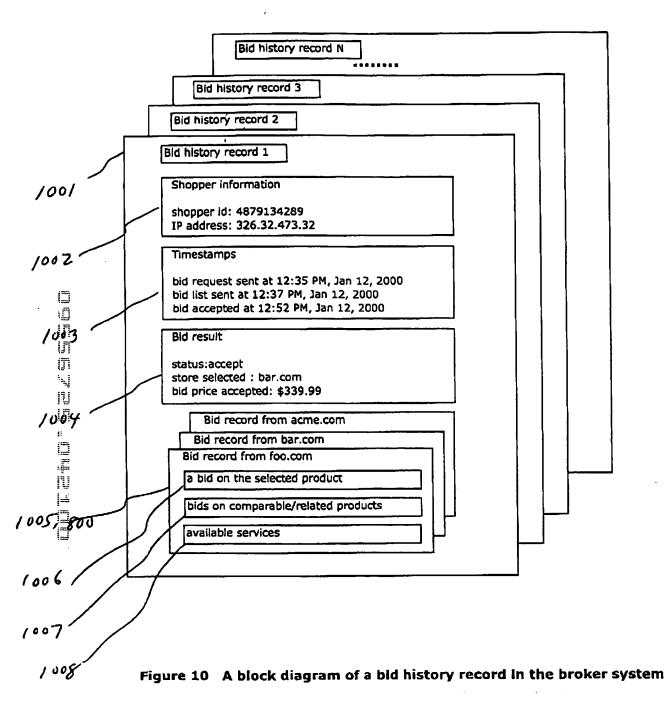
асте.сот

www.acme.com/pt360/buy.html

www.acme.com/pt360.html

\$534.99

Figure 9 A sample bid list



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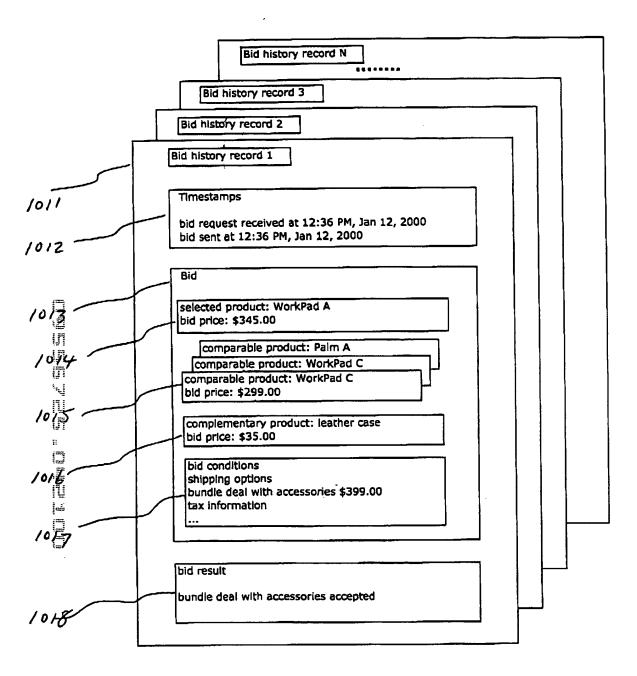


Figure 11 A block diagram of a bid history record in a bid server